

Attorney Docket No.: TH1615 02 (US)

A Named Inventor/Application Identifier: John F. Knifton, Talmadge G. James, Lynn H. Slauch, Paul R. Weider, Kevin D. Allen, and Joseph B. Powell

Express Mail Label No.: EV 325950866 US

Title: ONE-STEP PRODUCTION OF 1,3-PROPANEDIOL FROM ETHYLENE OXIDE AND SYNGAS WITH A COBALT IRON CATALYST

Date: March 1, 2004

22857 U.S. PTO  
10/790598

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**UNDER 37 CFR 1.53(b)**

Commissioner for Patents  
Box Patent Applications  
P. O. Box 1450  
Alexandria, VA 22313-1450

1. ☒ This application is a(n):
- a. ☐ Original
- b. ☐ Continuation-in-part of Application Serial No. \_\_\_\_\_ filed \_\_\_\_\_
- c. ☒ Divisional of Application Serial No. 10/146,675 filed May 15, 2002  
☐ Applicant(s) elect the invention of Group/Species \_\_\_\_\_
- d. ☐ Continuation of Application Serial No. \_\_\_\_\_ filed \_\_\_\_\_
2. ☒ Specification
- a. ☒ Pages 31
- b. ☒ Drawings, Total sheets 4
3. ☒ Oath or Declaration
- a. ☐ Newly executed (original or copy)
- b. ☒ Copy from a prior application  
☐ Please delete the following named inventors in the prior application: \_\_\_\_\_
4. ☒ Please amend the specification
- a. ☒ By inserting before the first line:  
This is a ☐ continuation ☒ division ☐ continuation-in-part of  
Application Serial No. 10/146,675 filed May 15, 2002, the entire  
disclosure of which is hereby incorporated by reference
- b. ☐ By inserting before the first line:  
This application claims the benefit of U.S. Provisional Application No.  
\_\_\_\_\_ filed \_\_\_\_\_, the entire disclosure of which is hereby  
incorporated by reference
- c. ☒ Cancel claims 49-53
5. ☐ This application claims the benefit of Application Number \_\_\_\_\_ filed on  
\_\_\_\_\_ in \_\_\_\_\_ under 35 U.S.C. § 119, § 365(a), or  
§ 365(b). (For originals)
6. ☐ Microfiche Computer Program (Appendix)
7. ☐ Recognize as an associate attorney \_\_\_\_\_, Registration No. \_\_\_\_\_

8. ☒ Address all future communications to:

Donald F. Haas  
Shell Oil Company  
Legal – Intellectual Property  
P. O. Box 2463  
Houston, Texas 77252-2463

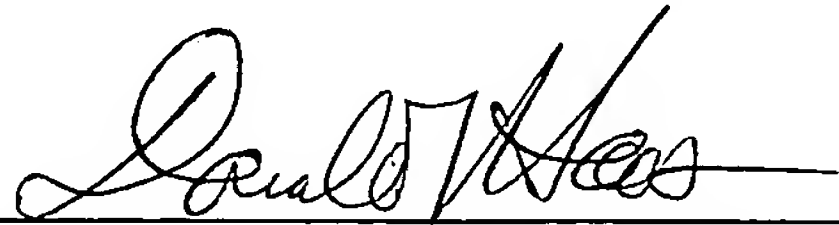
9. ☒ Fee Transmittal (duplicate enclosed)

(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
TOTAL CLAIMS (37 CFR 1.16(c))	48 - 20 =	28	X \$18.00 =	\$504.00
INDEPENDENT CLAIMS (37 CFR 1.16(b))	1 - 3 =	0	X \$86.00 =	0
MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))		0	+ \$290.00 =	0
			BASIC FEE (37 CFR 1.16(a))	\$770.00
			Total of above Calculations =	504.00
			TOTAL =	\$1274.00

10. ☒ Please charge Deposit Account No. 19-1800 in the amount of \$1274.00.
11. ☒ The Assistant Commissioner is authorized to charge all additional required fees or to credit overpayments, to Deposit Account No. 19-1800, including fees required under 37 CFR 1.17
12. ☒ Accompanying Application Parts
- a. ☐ Recordal of Assignment and Assignment
  - b. ☐ Information Disclosure Statement/PTO-1449
  - c. ☐ Preliminary Amendment
  - d. ☒ A self-addressed, stamped return receipt postcard to be returned with the filing date and Serial No. thereon
  - e. ☐ Certified copy of priority documents

Respectfully submitted,

JOHN F. KNIFTON, TALMADGE G. JAMES,  
LYNN H. SLAUGH, PAUL R. WEIDER,  
KEVIN D. ALLEN, and JOSEPH B. POWELL

By 

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